

STATE FACT SHEETS



2001 Toxics Release Inventory

ALABAMA

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	122,151,146
Air Emissions	75,567,809
Surface Water Discharges	4,713,394
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	92,912
On-site Land Releases to RCRA Subtitle C Landfills	7,161,905
Other On-site Land Releases	34,615,126
Off-site Releases (Transfers Off-site to Disposal)*	12,294,431
Total On- and Off-site Releases	134,445,577
Recycled On-site	818,525,464
Recycled Off-site	42,141,345
Energy Recovery On-site	55,906,584
Energy Recovery Off-site	23,619,563
Treated On-site	226,084,174
Treated Off-site**	22,101,850
Quantity Released On- and Off-site***	138,399,983
Total Production-related Waste Managed	1,326,778,962
Non-production-related Waste Managed	70,451
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	42,914,718
Energy Recovery	22,530,090
Treatment	10,897,492
Publicly Owned Treatment Works (POTWs)	3,948,382
Metals and Metal Category Compounds*	13,093
Non-metal TRI Chemicals**	3,935,289
Other Off-site Transfers****	201,150
Transfers Off-site to Disposal (not including metals to POTWs)	16,840,893
Total Transfers Off-site for Further Waste Management, including Disposal	97,332,726

- * Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
- ** Transfers to POTWs of non-metals are included in treated off-site waste management activity.
- *** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.
- **** Transfers reported without a valid waste management code.

For More Information . . .

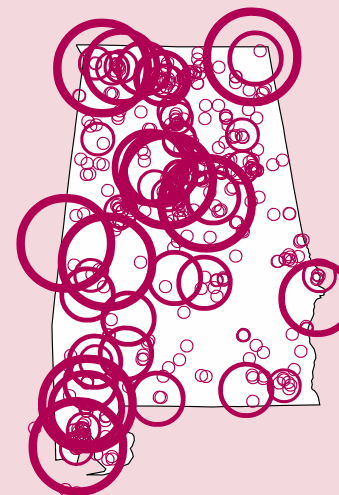
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To obtain TRI data use
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Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Alabama. All circles are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data

Population	4,468,912
Square Miles	50,750
Total Facilities	566
Total Forms	2,424
Form As	257

	Total
National Rank for Total On- and Off-site Releases*	
Rank	13
Pounds	134,445,577
National Rank for Total On-site Releases**	
Rank	11
Pounds	122,151,146
National Rank for Total Releases within State***	
Rank	14
Pounds	132,422,549
National Rank for Production-related Waste Managed	
Rank	4
Pounds	1,326,778,962

- * Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.
- ** Includes amounts released at the facility. Excludes amounts transferred to other sites.
- *** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



2001 Toxics Release Inventory

ALABAMA

On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
7647-01-0	Hydrochloric acid	30,478,837	0	0	0	17,728	30,496,565	0	0	17,728
67-56-1	Methanol	10,793,844	127,835	0	57,005	1,236,486	12,215,170	10,339	1,966	1,234,520
—	Zinc compounds	133,635	75,179	0	7,144,741	4,670,986	12,024,541	257,175	522,897	4,228,436
—	Manganese compounds	41,144	598,178	22,000	9,023,693	2,229,440	11,914,455	307,985	1,514,797	758,185
—	Barium compounds	94,875	87,626	64,000	9,420,641	285,672	9,952,814	150,096	308,246	5,473

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Lead compounds	30,954.01	5,571.78	6,900.00	1,833,151.42	593,565.86	2,470,143.07	103,212.47	338,987.00	262,065.96
1336-36-3	Polychlorinated biphenyls (PCBs)	130.33	0.00	0.00	200,000.00	100.00	200,230.33	721.00	110.30	0.00
—	Mercury compounds	4,302.16	45.00	12.00	100,510.89	294.63	105,164.68	7,289.41	244.57	57.46
—	Polycyclic aromatic compounds	12,687.64	399.92	0.00	14,014.18	62,848.09	89,949.83	981.23	44,274.14	18,723.95
7439-92-1	Lead	11,809.06	947.48	0.00	34,054.23	6,987.97	53,798.75	33,485.64	43,323.07	1,014.00
191-24-2	Benzo(g,h,i)perylene	4,155.11	1.02	0.00	649.90	93.15	4,899.18	0.09	93.15	0.00
7439-97-6	Mercury	1,601.10	7.69	0.00	813.29	620.59	3,042.67	2,631.13	83.29	540.40
1582-09-8	Trifluralin	1.00	0.00	0.00	1,840.00	0.00	1,841.00	0.00	0.00	0.00
79-94-7	Tetrabromobisphenol A	1,185.00	0.00	0.00	0.00	0.00	1,185.00	0.00	0.00	0.00
57-74-9	Chlordane	0.40	0.00	0.00	600.00	0.00	600.40	0.00	0.00	0.00
118-74-1	Hexachlorobenzene	0.00	0.00	0.00	480.00	0.00	480.00	0.00	0.00	0.00
608-93-5	Pentachlorobenzene	0.00	0.00	0.00	420.00	0.00	420.00	0.00	0.00	0.00
40487-42-1	Pendimethalin	0.00	0.00	0.00	418.00	0.00	418.00	0.00	0.00	0.00
72-43-5	Methoxychlor	0.12	0.00	0.00	161.00	0.00	161.12	0.00	0.00	0.00
8001-35-2	Toxaphene	0.04	0.00	0.00	60.00	0.00	60.04	0.00	0.00	0.00
—	Dioxin and dioxin-like compounds	0.10	0.22	0.00	0.19	0.50	1.01	9.34	0.14	0.36
—	<i>Dioxin and dioxin-like compounds (in grams)</i>	<i>45.526</i>	<i>101.506</i>	<i>0.000</i>	<i>84.099</i>	<i>225.817</i>	<i>456.949</i>	<i>4,233.925</i>	<i>62.091</i>	<i>163.726</i>
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

*** No reports were submitted for these chemicals.

** The chemical ranking is based on the amounts in this column.



2001 Toxics Release Inventory

ALABAMA

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Alabama Power Co. Greene County Steam Plant, Forkland, Greene	9,227,090	7,839	0	0	0	787,007	10,021,936	0	0
Alabama Power Co. Gaston Steam Plant, Wilsonville, Shelby	4,695,583	50,355	0	0	0	4,414,642	9,160,580	0	0
Kerr McGee Chemical Ltd. Liability Corp., Theodore, Mobile	122,952	9,884	0	0	0	7,980,576	8,113,412	0	0
U.S. TVA Colbert Fossil Plant, Tuscumbia, Colbert	5,966,795	8,650	0	0	0	1,720,898	7,696,343	22	0
Chemical Waste Management, Emelle, Sumter	5,000	0	0	0	7,081,123	0	7,086,123	1,330	39,307
Southern Co. Barry Steam Plant, Bucks, Mobile	5,089,416	24,216	0	0	0	1,839,854	6,953,486	0	0
USS Fairfield Works, Fairfield, Jefferson	12,898	5,129	0	0	0	6,782,713	6,800,740	36,915	0
U.S. TVA Widows Creek Fossil Plant, Stevenson, Jackson	3,965,584	100,037	0	0	0	2,103,244	6,168,865	19,066	0
Alabama Power Co. Gorgas Steam Plant, Parrish, Walker	3,254,222	8,985	0	0	0	2,044,522	5,307,729	1	0
Acordis Cellulosic Fibers Inc., Axis, Mobile	3,689,730	13,770	0	0	0	185,000	3,888,500	0	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Chemical Waste Management, Emelle, Sumter	414.82	0.00	0.00	0.00	1,198,983.00	0.00	1,199,397.83	75.00	2,317.00
USS Fairfield Works, Fairfield, Jefferson	280.00	199.00	0.00	0.00	0.00	190,013.00	190,492.00	570.00	0.00
U.S. Steel Mining Co. L.L.C. Oak Grove Sys., Adger, Jefferson	23.00	10.00	0.00	6,912.00	0.00	140,210.00	147,155.00	0.00	0.00
Alabama Power Co. Greene County Steam Plant, Forkland, Greene	2,077.30	10.80	0.00	0.00	0.00	103,425.30	105,513.40	0.00	0.00
U.S. TVA Widows Creek Fossil Plant, Stevenson, Jackson	958.88	87.00	0.00	0.00	0.00	98,244.20	99,290.08	1,451.10	0.00
Alabama Power Co. Gaston Steam Plant, Wilsonville, Shelby	1,563.20	396.10	0.00	0.00	0.00	86,593.90	88,553.20	0.40	0.00
Chemical Lime Co. Alabaster Plant, Alabaster, Shelby	7.54	0.00	0.00	0.00	0.00	82,510.01	82,517.55	0.00	0.00
U.S. TVA Colbert Fossil Plant, Tuscumbia, Colbert	1,030.10	24.60	0.00	0.00	0.00	49,633.20	50,687.90	16.90	0.00
Alabama Power Co. Gorgas Steam Plant, Parrish, Walker	723.60	0.40	0.00	0.00	0.00	39,717.00	40,441.00	0.70	0.00
Southern Co. Barry Steam Plant, Bucks, Mobile	1,030.80	172.80	0.00	0.00	0.00	29,127.40	30,331.00	0.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



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Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Alabama Power Co. Greene County Steam Plant, Forkland, Greene	0	0	0	0	0	0	10,021,936	10,021,936	0
Alabama Power Co. Gaston Steam Plant, Wilsonville, Shelby	0	0	0	0	0	0	9,160,583	9,160,583	0
Kerr McGee Chemical Ltd. Liability Corp., Theodore, Mobile	0	0	0	0	31,507	0	8,110,122	8,141,629	0
U.S. TVA Colbert Fossil Plant, Tuscumbia, Colbert	0	46,060	0	0	847,000	0	7,675,450	8,568,510	0
Chemical Waste Management, Emelle, Sumter	0	10	0	0	0	438,155	7,118,619	7,556,784	0
Southern Co. Barry Steam Plant, Bucks, Mobile	0	0	0	0	0	0	6,953,486	6,953,486	0
USS Fairfield Works, Fairfield, Jefferson	0	545,300	0	0	310,000	0	6,819,300	7,674,600	0
U.S. TVA Widows Creek Fossil Plant, Stevenson, Jackson	0	8	0	0	7,880,000	0	6,169,136	14,049,144	0
UOP L.L.C., Chickasaw, Mobile	0	0	0	0	1,120,000	0	5,358,390	6,478,390	0
Alabama Power Co. Gorgas Steam Plant, Parrish, Walker	0	0	0	0	0	0	5,307,734	5,307,734	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Chemical Waste Management, Emelle, Sumter	0.00	0.00	0.00	0.00	0.00	81,224.00	1,202,254.00	1,283,478.00	0.00
USS Fairfield Works, Fairfield, Jefferson	0.00	4,800.00	0.00	0.00	0.00	0.00	190,160.00	194,960.00	0.00
Ipsco Steel (Alabama) Inc., Axis, Mobile	0.00	0.00	0.00	0.00	0.00	0.00	151,462.00	151,462.00	0.00
U.S. Steel Mining Co. L.L.C. Oak Grove Sys., Adger, Jefferson	0.00	0.00	0.00	0.00	0.00	0.00	150,220.00	150,220.00	0.00
McWane Cast Iron Pipe Co., Birmingham, Jefferson	0.00	0.00	0.00	0.00	0.00	0.00	149,438.00	149,438.00	0.00
Union Fndry. Co., Anniston, Calhoun	0.00	0.00	0.00	0.00	0.00	0.00	119,200.00	119,200.00	0.00
Corus Tuscaloosa, Tuscaloosa, Tuscaloosa	0.00	0.00	0.00	0.00	0.00	0.00	111,946.00	111,946.00	0.00
Alabama Power Co. Greene County Steam Plant, Forkland, Greene	0.00	0.00	0.00	0.00	0.00	0.00	105,513.00	105,513.00	0.00
U.S. TVA Widows Creek Fossil Plant, Stevenson, Jackson	0.00	8.00	0.00	0.00	0.00	0.00	100,696.00	100,704.00	0.00
Alabama Power Co. Gaston Steam Plant, Wilsonville, Shelby	0.00	0.00	0.00	0.00	0.00	0.00	88,554.00	88,554.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.